

12-05-01.

PATENT  
Attorney Docket No.: FORS-06479

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**Box Patent Application**  
 Assistant Commissioner For Patents  
 Washington, D.C. 20231

1011 U.S. PTO  
 10/26/01

## NEW APPLICATION TRANSMITTAL

Transmitted herewith for filing is the patent application of Raymond F. Cracauer for Nucleic Acid Synthesizers.

## CERTIFICATION UNDER 37 C.F.R. § 1.10

I hereby certify that this New Application Transmittal and the documents referred to as enclosed therein are being deposited with the U.S. Postal Service on this date **October 26, 2001** in an envelope as "Express Mail Post Office to Addressee" Mailing Label Number **EL 790 816 244** US addressed to **Box Patent Application, Assistant Commissioner For Patents, Washington, D.C. 20231**.

Susan M. McClintock

Susan M. McClintock

## 1. Type Of Application

This new application is for a(n)

Original (nonprovisional)  
 Continuation-In-Part (C-I-P).

## 2. Benefit Of Prior U.S. Application(s) (35 U.S.C. §§ 119(e), 120, or 121)

The new application being transmitted claims the benefit of prior U.S. application(s) and enclosed are ADDED PAGES FOR NEW APPLICATION TRANSMITTAL WHERE BENEFIT OF PRIOR U.S. APPLICATION(S) CLAIMED.

## 3. Papers Enclosed That Are Required For Filing Date Under 37 C.F.R. § 1.53(b) (Regular) or 37 C.F.R. § 1.153 (Design) Application

81 Pages of Specification  
 5 Pages of Claims  
 1 Page of Abstract  
 24 Sheets of <sup>14</sup> Formal Drawings

## 4. Declaration

Enclosed  
 Unexecuted.

## 5. Inventorship Statement

The inventorship for all the claims in this application is:

the same

## 6. Language

English

## 7. Assignment

An unexecuted assignment of the invention to **Third Wave Technologies, Inc.** is attached.  
 Form PTO-1595 will follow.

## 8. Fee Calculation (37 C.F.R. § 1.16)

Regular application

## CLAIMS AS FILED

Number Filed	Number Extra	Rate	Basic Fee - \$740.00 (37 C.F.R. § 1.16(a))
Total Claims (37 C.F.R. § 1.16(c))	38 - 20 =	18 × \$18.00 =	\$324.00
Independent Claims (37 C.F.R. § 1.16(b))	3 - 3 =	0 × \$84.00 =	\$0.00
Multiple Dependent Claim(s), if any (37 C.F.R. § 1.16(d))		+ \$260.00 =	\$0.00
Filing Fee Calculation			\$1064.00

9. **Small Entity Statement(s)**

Verified Statement(s) that this is a filing by a small entity under 37 C.F.R. §§ 1.9 and 1.27.

**Filing Fee Calculation (50% of above)** \$532.00

10. **Fee Payment Being Made At This Time**

Enclosed

basic filing fee \$532.00

**Total Fees Enclosed** \$532.00

11. **Method of Payment of Fees**

Check in the amount of \$532.00

12. **Authorization To Charge Additional Fees and Credit Overpayment**

The Commissioner is hereby authorized to charge payment of any fees associated with this communication or credit any overpayment to Deposit Account No.: 08-1290. An originally executed duplicate of this transmittal is enclosed for this purpose.

13. **Power of Attorney by Assignee**

Enclosed (unexecuted)

14. **Return Receipt Postcard**

Enclosed

Dated: October 26, 2001

  
David A. Casimir  
Registration No.: 42,395

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**Incorporation By Reference Of Added Pages**

Plus Added Pages For New Application Transmittal Where Benefit Of Prior U.S. Application(s)  
Claimed

Number of pages added 1

ADDED PAGES FOR APPLICATION TRANSMITTAL  
WHERE BENEFIT OF PRIOR U.S. APPLICATION(S) CLAIMED

15. **Relate Back**

- A. 35 U.S.C. § 119(e)
- B. 35 U.S.C. §§ 120, 121 and 365(c)

Amend the Specification by inserting before the first line the sentence: "This is a Continuation-In-Part of copending application 09/782,702 filed on 2/13/01, which is a Continuation-in-Part of copending application 09/771,332 filed on 1/26/01."

16. **Further Inventorship Statement Where Benefit Of Prior Application(s) Claimed**

- a. This application discloses and claims additional disclosure by amendment and a new declaration or oath is being filed. With respect to the prior application, the inventor(s) in this application are  the same.
- b. This application discloses and claims additional disclosure by amendment and a new declaration or oath is being filed. With respect to the prior application, the inventor(s) in this application are  the same.

17. **Notification In Parent Application Of This Filing**

A notification of the filing of this  
 continuation-in-part  
is being filed in the parent application from which this application claims priority under  
35 U.S.C. § 120.